

## Paper list

1. **M.-C. Bunea**, V.-C. Diculescu, M. Enculescu, H. Iovu, T.-A. Enache, "Redox mechanism of azathioprine and its interaction with DNA". International Journal of Molecular Science, 2021, 22(13), 6805. DOI:10.3390/ijms22136805. I.F.=5,923
2. B. Gălățeanu, **M.-C. Bunea**, P.- O. Stănescu, E. Vasile, A. Cășărică, H. Iovu, A. Hermenean, C. Zaharia, M. Costache, "In vitro studies of bacterial cellulose and magnetic nanoparticles smart nanocomposites for efficient chronic wounds healing", Stem cells International, 2015 (I.F.= 3,687).
3. **M.-C. Bunea**, B. Gălățeanu, E. Vasile, A. Hudita, M.Șerban, C. Zaharia, Silk fibroin films decorated with magnetic nanoparticles for wound healing applications, Revista de Materiale Plastice, 2017, 54(1), 83-87 (I.F.= 1,248).
4. Zaharia, E. Vasile, B. Gălățeanu, **M.-C. Bunea**, A. Cășărică, P.- O. Stănescu, "Bacterial Cellulose-polyhydroxyalkanoates Composites Synthesis, physico-chemical characterization and biological evaluation for tissue engineering", Revista de Materiale Plastice, 2014, 51(1), 1-5 (I.F.= 0,824).
5. **M.-C. Bunea**, B. Gălățeanu, E. Vasile, C. Zaharia, P.-O. Stănescu, C. Andronescu, I.-C. Radu, R. Fuchs, H. Iovu, Novel biocomposites based on polyhydroxyalkanoates-layered double hydroxides for tissue engineering applications, U.P.B. Sci. Bull., Series B, 78 (2), 2016.
6. B. Gălățeanu, A. Hudita, C. Zaharia, **M.-C. Bunea**, E. Vasile, M.-R. Buga, M. Costache, "Silk-Based Hydrogels for Biomedical Applications", Polymers and Polymeric Composites: A Reference Series, Springer Science and Business Media LLC, 2019, 1791-1817.

## Scientific events attended

1. **M.-C. Bunea**, T.-A. Enache, M. Enculescu, V.C. Diculescu, *Mecanismul redox al azatioprinei și interacția acesteia cu ADN-ul*, Workshop 58PCCDI, București, România, 19 mai 2020, Prezentare orală.
2. **M.-C. Bunea**, T.-A. Enache, *Redox behavior of azathioprine and its interaction with DNA*, XXV International Symposium on Bioelectrochemistry and Bioenergetics of the Bioelectrochemical Society, Limerick, Irland, 26-30 Mai 2019, Prezentare orală.
3. **M.-C. Bunea**, C. Zaharia, E. Vasile, B. Galateanu, P.-O. Stanescu, H. Iovu, *Development of magnetic silk fibroin scaffolds for tissue engineering applications*, 19th Romanian International Conference on Chemistry and Chemical Engineering – RICCCCE 19, Sibiu, Romania, 02-05.09.2015, Prezentare orală.

4. **M.-C. Bunea**, C. Zaharia, B. Galateanu, E. Vasile, A.-M. Pandele, H. Iovu, Silk Fibroin-Graphene Oxide Hydrogels for Bone Tissue Engineering –Young Scientists Joining Forces For Excellence In Biomaterials Research, București, România, 28-29.05.2015 Poster.

5. **M.-C. Bunea**, C. Zaharia, P.-O. Stanescu, B. Galateanu, E. Vasile, A.-M. Pandele, H. Iovu; *Development Of Graphene/Silk Fibroin Hydrogels With Potential Uses In Bone Tissue Engineering*, Fourth International Symposium Frontiers in Polymer Science, Riva del Garda, Italia, 20-22.05.2015, Poster.